

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A method of producing analytical result comprising:
a measurement step of obtaining measurement data by a measurement device for measuring a subject and/or a sample obtained from said subject ~~a subject's in vivo test and/or in vitro test,~~
a first transmission step of transmitting said measurement data from said measurement device to an analysis device via a network,
a first receiving step of receiving said measurement data by said analysis device,
a processing step of processing said measurement data by said analysis device to convert said measurement data into an analytical result, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of ~~which corresponds to~~ said measurement data,
a second transmission step of transmitting said analytical result from said analysis device, via said network, to said measurement device, and
a second receiving step of receiving said analytical result by said measurement device.
2. (Previously Presented) The method of producing analytical result according to Claim 1, wherein
said first transmission step includes a step of associating a communication address of said measurement device with said measurement data.

3. (Currently Amended) A method of producing analytical result comprising:

a measurement step of obtaining measurement data by a measurement device for measuring a subject and/or a sample obtained from said subject ~~a subject's in vivo test and/or in vitro test,~~

a first transmission step of transmitting said measurement data from said measurement device to an analysis device via a network,

a first receiving step of receiving said measurement data by said analysis device,

a processing step of processing said measurement data by said analysis device to convert said measurement data into an analytical result, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of ~~which corresponds to~~ said measurement data,

a second transmission step of transmitting said analytical result from said analysis device, via said network, to an output device that outputs said analytical result,

a second receiving step of receiving said analytical result by said output device, and
an output step of outputting said analytical result by said output device.

4. (Previously Presented) The method of producing analytical result according to Claim 3, wherein

said first transmission step includes a step of associating a communication address of said output device with said measurement data.

5. (Currently Amended) An analytical result producing device, comprising:

receiving means for receiving ~~[[a]]~~ measurement data via a network from a measurement device that measures a subject and/or a sample obtained from said subject

~~conducts measurements for a subject's in vivo test and/or in vitro test~~ and obtains said measurement data,

processing means for processing said measurement data, and converting said measurement data into an analytical result ~~which corresponds to said measurement data~~, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, and

transmission means for transmitting, via said network, said analytical result to said measurement device.

6. (Previously Presented) The analytical result producing device according to Claim 5, wherein

said receiving means receives a communication address of said measurement device and associates said communication address with said measurement data.

7. (Previously Presented) The analytical result producing device according to Claim 5, wherein

said receiving means further receives identification information and test items for said subject that are associated with said measurement data, and

said transmission means transmits said identification information of said subject and said test items associated with said measurement data.

8. (Previously Presented) The analytical result producing device according to Claim 5, wherein

said receiving means further receives device identification information that identifies a class of said measurement device and said measurement data associated therewith, and

said processing means includes:

storage means for storing analysis programs for processing said measurement data for each class of said measurement device,

determination means for determining said class of said measurement device based upon said device identification information, and

selection means for selecting an analysis program corresponding to said class of said measurement device from amongst said stored analysis programs, and for applying the selected analysis program to the processing of said measurement data.

9. (Previously Presented) The analytical result producing device according to Claim 5, further comprising:

results storage means for storing conditions on a contract relating to the processing of measurement data exchanged between a manager of the analytical result producing device and a manager of said measurement device, and usage results of said analytical result producing device that said manager of said measurement device used, and

determination means for determining items billed to said manager of said measurement device based on said contract conditions and said usage results.

10. (Currently Amended) An analytical result producing device, comprising:
receiving means for receiving [[a]] measurement data via a network from a measurement device that measures a subject and/or a sample obtained from said subject

~~conducts measurements for a subject's in vivo test and/or in vitro test~~ and obtains said measurement data,

processing means for processing said measurement data, and converting said measurement data into an analytical result ~~which corresponds to said measurement data~~, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, and

transmission means for transmitting, via said network, said analytical result to an output device that outputs said analytical result.

11. (Previously Presented) The analytical result producing device according to Claim 10, wherein

said receiving means receives a communication address of said measurement device and associates said communication address with said measurement data.

12. (Previously Presented) The analytical result producing device according to Claim 10, wherein

said receiving means further receives identification information and test items for said subject that are associated with said measurement data, and

said transmission means transmits said identification information of said subject and said test items associated with said analytical result.

13. (Previously Presented) The analytical result producing device according to Claim 10, wherein

said receiving means further receives device identification information that identifies a class of said measurement device and said measurement data associated therewith, and

said processing means includes:

storage means for storing analysis programs for processing said measurement data for each class of said measurement device,

determination means for determining said class of said measurement device based upon said device identification information, and

selection means for selecting an analysis program corresponding to said class of said measurement device from amongst said stored analysis programs, and for applying the selected analysis program to the processing of said measurement data.

14. (Previously Presented) The analytical result producing device according to Claim 10, further comprising:

results storage means for storing conditions on a contract relating to the processing of measurement data exchanged between a manager of the analytical result producing device and a manager of said measurement device, and usage results of said analytical result producing device that said manager of said measurement device used, and

determination means for determining items billed to said manager of said measurement device based on said contract conditions and said usage results.

15. (Currently Amended) A computer program product for analytical result production, comprising:

receiving means for receiving ~~said~~ measurement data via a network from a measurement device that measures a subject and/or a sample obtained from said subject ~~conducts measurements for a subject's in vivo test and/or in vitro test~~ and obtains said measurement data,

processing means for processing said measurement data, and converting said measurement data into an analytical result ~~which corresponds to said measurement data, said~~ analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, and

transmission means for transmitting, via said network, said analytical result to said measurement device.

16. (Currently Amended) A computer program product for analytical result production, comprising:

receiving means for receiving ~~said~~ measurement data via a network from a measurement device that measures a subject and/or a sample obtained from said subject ~~conducts measurements for a subject's in vivo test and/or in vitro test~~ and obtains said measurement data,

processing means for processing said measurement data, and converting said measurement data into an analytical result ~~which corresponds to said measurement data, said~~ analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, and

transmission means for transmitting, via said network, said analytical result to an output device that outputs said analytical result.

17. (Currently Amended) A measurement device to be connected via a network to an analysis device that processes ~~[[a]]~~ measurement data and converts said measurement data into an analytical result ~~which corresponds to said measurement data by processing the measurement data~~, comprising:

measurement means for measuring a subject and/or a sample obtained from said subject ~~conducting measurements for a subject's in vivo test and/or in vitro test and for~~ obtaining measurement data, and

first transmission means for transmitting said measurement data to said analysis device via said network, said analysis device converting to convert ~~convert~~ said measurement data into said analytical result, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data,

wherein said ~~the~~ network is selected from the group consisting of an internet, a public telephone network, a mobile communication network, and an ISDN.

18. (Previously Presented) The measurement device according to Claim 17, wherein said first transmission means associates a communication address of said measurement device with said measurement data and transmits said measurement data.

19. (Previously Presented) The measurement device according to Claim 17, wherein said first transmission means associates identification information of said subject and test items with said measurement data and transmits said measurement data.

20. (Previously Presented) The measurement device according to Claim 17, wherein

said first transmission means associates device identification information that indicates the identity of said measurement device with said measurement data and transmits said measurement data.

21. (Previously Presented) The measurement device according to Claim 17, further comprising:

output means for outputting said analytical result,

receiving means for receiving from said analysis device said analytical result obtained by processing said measurement data, and

second transmission means for transmitting said analytical result received by said receiving means to said output means.

22. (Currently Amended) The measurement device according to Claim 17, further comprising

output means for outputting said analytical result received from said analysis device.

23. (Currently Amended) A computer program product comprising:

measurement means for measuring a subject and/or a sample obtained from said subject ~~conducting measurements for a subject's in vivo test and/or in vitro test~~ and obtaining measurement data, and

transmission means for transmitting via a network said measurement data to an analysis device that processes said measurement data and converts said measurement data into an analytical result ~~which corresponds to said measurement data via said network to convert said measurement data into said analytical result,~~ said analytical result including said

subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data,

wherein said ~~the~~ network is selected from the group consisting of an internet, a public telephone network, a mobile communication network, and an ISDN.

24. (Currently Amended) An output device connected to a measurement device comprising:

receiving means for receiving an analytical result from said measurement device, said analytical result being transmitted from an analysis device to said measurement device via a network, said measurement device measuring a subject and/or a sample obtained from said subject ~~conducting measurements for a subject's in vivo test and/or in vitro test~~ and obtaining ~~[[a]]~~ measurement data, said analysis device processing said measurement data and converting said measurement data into said analytical result, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, and said measurement device being connected to said analysis device via said network, ~~[[;]]~~ and

output means for outputting said analytical result.

25. (Canceled).

26. (Currently Amended) An output device connected to an analysis device via a network, comprising:

receiving means for receiving an analytical result, via a ~~said~~ network, from said analysis device that processes ~~[[a]]~~ measurement data and converts said measurement data

into said analytical result, said analytical result including a subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, [[:]] and

output means for outputting said analytical result, [[:]]

wherein said analysis device is connected via said network to a measurement device that measures said subject and/or a sample obtained from said subject ~~conducts measurement for subject's in vivo test and/or in vitro test~~ and obtains said ~~the~~ measurement data ~~via said network~~.

27. (Previously Presented) The output device according to Claim 26, wherein said receiving means receives identification information and test items for said subject that is related to said analytical result, and

said output device associates said subject's identification information and test items with said analytical result and outputs said analytical result.

28-29. (Canceled).

30. (Previously Presented) The method of producing analytical result according to claim 1, further comprising:

an outputting step of outputting said analytical result by said measurement device.

31. (Currently Amended) The method of producing analytical result according to claim 1, wherein

said ~~the~~ network is selected from the group consisting of an internet, a public telephone network, a mobile communication network, and an ISDN.

32. (Currently Amended) The method of producing analytical result according to claim 3, wherein

said ~~the~~ network is selected from the group consisting of an internet, a public telephone network, a mobile communication network, and an ISDN.

33. (Currently Amended) The measurement device according to claim 22, wherein said ~~the~~ output means comprises a computer.

34. (Currently Amended) A system of producing analytical result comprising:
a measurement device₁ [[;]] and
an analysis device to be connected via a network to said ~~the~~ measurement device₁ [[;]]
wherein said ~~the~~ measurement device comprises

measurement means for measuring a subject and/or a sample obtained from
said subject ~~conducting measurements for a subject's in vivo test and/or~~
~~in vitro test~~ and for obtaining measurement data, and

first transmission means for transmitting, via said network₁ said measurement data to said analysis device, and

said ~~the~~ analysis device comprises

receiving means for receiving said measurement data from said measurement device via said network,

processing means for processing said measurement data, and converting said measurement data into an analytical result ~~which corresponds to said measurement data,~~ said analytical result including said subject's in

vivo and/or in vitro test result, which is a result of analysis of said measurement data, and

second transmission means for transmitting, via said network, said analytical result to said measurement device.

35. (Currently Amended) A system of producing analytical result comprising:

a measurement device, [[:]]

an analysis device to be connected via a network to said ~~the~~ measurement device, [[:]]

and

an output device to be connected via said ~~the~~ network to said ~~the~~ analysis device, [[:]]

wherein said ~~the~~ measurement device comprises

measurement means for measuring a subject and/or a sample obtained from

said subject conducting measurements for a subject's in vivo test and/or in vitro test and ~~for~~ obtaining measurement data, and

first transmission means for transmitting said measurement data to said analysis device via said network,

said ~~the~~ analysis device comprises

first receiving means for receiving said measurement data from said measurement device via said network,

processing means for processing said measurement data, and converting said measurement data into an analytical result ~~which corresponds to said measurement data,~~ said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, and

second transmission means for transmitting, via said network, said analytical
result to said output device, and

said ~~the~~ output device comprises

second receiving means for receiving said analytical result from said analysis
device via said network, and

output means for outputting said analytical result.

36. (Currently Amended) The system according to claim 34, wherein

said ~~the~~ measurement device further comprises an output means for outputting said
analytical result.

37. (Currently Amended) The system according to claim 34, wherein

said ~~the~~ network is selected from the group consisting of an internet, a public
telephone network, a mobile communication network, and an ISDN.

38. (Currently Amended) The system according to claim 34, further comprising:

a web server for storing [[a]] patient data.

39. (Currently Amended) The system according to claim 35, wherein

said ~~the~~ network is selected from the group consisting of an internet, a public
telephone network, a mobile communication network, and an ISDN.

40. (Previously Presented) The system according to claim 35, further comprising:

a web server for storing patient data.

41. (Currently Amended) A measurement device to be connected via a network to an analysis device that processes [[a]] measurement data and converts said measurement data into an analytical result, comprising:

a measurement unit for measuring a subject and/or a sample obtained from said subject ~~conducting measurements of a subject's in vivo test and/or in vitro test~~ and for obtaining said measurement data, and

a transmission unit for transmitting said measurement data to said analysis device via said network to convert said measurement data into said analytical result, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data,

wherein said network is selected from the [[a]] group consisting of an internet, a public telephone network, a mobile communication network, and an ISDN.